TOTAL PLANTING A DEPARTMENT OF COMPARED PATTER AND TRADEMENT OPER 6 TETORNY DOCKET NUBLE TRANSMITTAL LETTER TO THE UNITED STATS DESIGNATED-ELECTED OFFICE SOCIOUS) CONCTRINING A FILLING UNDER 35 U.S.C. 371 ISAME SCONE OF UNDER 15 March 1999 INTERNATIONAL APPLICATIONNO RETIGIO900075 INTERNATIONAL FILLING UNDER 35 U.S.C. 371 PROMITY DUTY OF UNDER 15 March 1999 ITTLE OF INVENTION FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY PROMITY DUTY OF UNDER 15 March 1999 PROMITY DUTY OF UNDER 15 March 1999 APPLICANTINE FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY PROMITY DUTY OF UNDER 15 March 1999 PROMITY DUTY OF UNDER 15 March 1999 APPLICANTINE FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY PROMITY DUTY OF UNDER 15 March 1999 PROMITY DUTY OF UNDER 15 March 1999 APPLICANTINE FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY PROMITY DUTY OF UNDER 15 March 1999 PROMITY DUTY OF UNDER 15 March 1999 APPLICANTINE FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY PROMITY DUTY OF UNDER 15 March 1999 PROMITY DUTY OF UNDER 15 March 1999 APPLICANTINE FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY PROMITY DUTY OF UNDER 15 March 1999 PROMITY DUTY OF UNDER 15 March 1999 APPLICANTINE FOR DUCY DUTY OF UNDER 16 March 1999 PROMITY DUTY OF UNDER 17 March 1999 PROMITY DUTY OF UNDER 18 March 1999 PROMITY DUTY OF UNDER 18 March 1999 A comport Deminition Application and field 15 March 1999			JCCR Rec'd PCT/PTO 0 2 JAN 2001
DESIGNATED/ELECTED OFFICE 800/E00459 Distribution Status 83 (CR ED) DISTRIBUTED/ELECTED OFFICE 800/E00455 Distribution Status 83 (CR ED) INTERNATIONAL APPLICATION NO INTERNATIONAL FILING DATE PROPERTY DATE (CLUED) THE OF INVENTION FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY APPLICANT(SF FOR DO EOUS William ECCLESTON, et al. Applicant herewith submiss to the United States Designated Elected Offsee (DO FOUS) the following items and other information: 1 This is a FIRST submission of turms concerning a filing under 33 U.S.C. 371. 2 This is a FIRST submission of turms concerning a filing under 33 U.S.C. 371. 3 This is a FIRST submission of turms concerning a filing under 33 U.S.C. 371. 4 Applicant herewith submits to the United States Designated Elected Offsee (DO FOUS) the following items and other information: 1 This is a FIRST submission of turms concerning a filing under 33 U.S.C. 371. 2 This is a FIRST submission of turms concerning a filing under 33 U.S.C. 371. 4 A proper Demand for International Probleminary Examination was made by the 19th month from the carteet claimed priority date. 5 A copy of the International Application was filed (35 U.S.C. 371(c)(2)). a A translation of the International Application was filed (35 U.S.C. 371(c)(2)).	FORM PTO-1390 • - U.S. DEPARTMENT OF COMMERC		
Instrument Its March 1999 Its March 1999 TTTLE OF INVENTION FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY APPLICANT(S) FOR DO EOUS William ECCLESTON, et al. Appleant herewith submits to the United States Designated Elected Office (DO(EOUS) the following items and other information: 1 This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. X This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 4. A proper Demand for itemsational Papeleatine unit of items concerning a filing under 35 U.S.C. 371. 5. A copy of the International Application as filed (35 U.S.C. 371(C)(21). a is transmitted herewith (required only if not transmitted by the International Bureau. b is been transmitted herewith (required only if not transmitted by the International Bureau. c is not required, as the application muse filed (35 U.S.C. 371(C)(21). a creation of the international Application muse flight (35 U.S.C. 371(C)(21). a creation of the international Application muse flight (35 U.S.C. 371(C)(21). a creation of the international Application muse flight (35 U.S.C. 371(C)(3)). b have been transmitted herewith (require only if not transmitted by the International Bureau. b have been transmited herewith (require only if not transmitted by the I	DESIGNATED/ELEC		
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Applicant herewith submits to the United States Designated Elected Office (DO-EO/US) the following items and other information: 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUEXT submission of items concerning a filing under 35 U.S.C. 371. 3. This express request to begin national examination procedures (35 U.S.C. 371(1) a) any time rather than delay examination until the exprision of the applicable time limit set in 35 U.S.C. 371(167). 4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. A copy of the International Application as filed (35 U.S.C. 371(672)). 6. A transmitted here histophication was filed in the United States Receiving Office (ROUS) 6. A transmitted herewith (required only if not transmitted by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (ROUS) 7. A mendments to the claims of the International Application under PCT Articlel 9 (35 U.S.C. 371(6/3)) a. are transmitted herewith (required only if not transmitted by the International Bureau. b. have not been made, however, the time limit for making such amendments has NOT expired. d. have not been made, however, the time limit for making such amendments has NOT expired. d. have not been ma	TITLE OF INVENTION FIELD EMISSIO	N CATHODE AND FIELD EMISSI	ON DISPLAY
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 An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. A change of power of attorney and/or address letter. Other items or information: EXPRESS MAIL Mailing Label No. EXPRESS MAIL Mailing Label No. EXPRESS MAIL Mailing Label No. Express Mail Post Office to Addressed to the Assistant Commissioner for Patents Washington, D.C. 20231	 This is a FIRST submission of it X This is a SECOND or SUBSEQ This express request to begin natient expiration of the applicable time A proper Demand for International Application A copy of the International Application A copy of the International Application a copy of the International Application a stransmitted herewith (required b has been transmitted by the Internet c is not required, as the application A mendments to the claims of the are transmitted herewith (required b have been transmitted by the Internet c have not been made; however, the have not been made and will not 8 A translation of the amendments 9 An oath or declaration of the inverse 	ems concerning a filing under 35 U.S.C UENT submission of items concerning ional examination procedures (35 U.S.C limit set in 35 U.S.C. 371(b) and PCT al Preliminary Examination was made cation as filed (35 U.S.C. 371(c)(2)). only if not transmitted by the Internati- national Bureau. was filed in the United States Receivin Application into English (35 U.S.C. 37 International Application under PCT A d only if not transmitted by the Internar rnational Bureau. e time limit for making such amendme be made. to the claims under PCT Article 19 (35 entor(s) 35 U.S.C. 371(c)(4).	 C. 371. a filing under 35 U.S.C. 371. C. 371(f)) at any time rather than delay examination until the Articles 22 and 39(1). by the 19th month from the earliest claimed priority date. bonal Bureau). ng Office (RO/US) 71(c)(2)). Article 19 (35 U.S.C. 371(c)(3)) tional Bureau). nts has NOT expired. i U.S.C. 371(c)(3)).
MAILER <u>Robert Galonsky</u>	11 An Information Disclosure States 12 An assignment document for record 13. X A FIRST preliminary amendmen A SECOND or SUBSEQUENT 14 A substitute specification. 15 A change of power of attorney and	ment under 37 CFR 1.97 and 1.98. ording. A separate cover sheet in comp t. preliminary amendment. nd/or address letter. E D I U A al W	XPRESS MAIL Mailing Label No. ate of Deposit: January 2, 2001 hereby certify that this paper or fee is being deposited with the nited States Postal Service "Express Mail Post Office to ddressee" service under 37 CFR 1.10 on the date indicated bove and is addressed to the Assistant Commissioner for Patents, /ashington, D.C. 20231 IAILER <u>Pobert Galonsky</u>

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U.S. APPLICATION N 09/646,032	S. APPLICATION NO. (if known 37 C.F.R. 1.5) 09/646,032 •INTERNATIONAL APPLICATION NO. PCT/GB99/00765			ATTORNEY DOCKET NUMBER THOM-0012		
 17 The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1,000.00 				CAL	CULATIONS	PTO USE ONLY
International preliminary examination fee (37 CFR 1.482 not paid to USPTO but International Search Report has been prepared by the EPO or JPO \$860.00						
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)						
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)						
	ENTE	ER APPROPRIATE BA	SIC FEE AMOUNT =	S		
Surcharge of \$130.00 for furnishing the oath or declaration later that _ 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				s		
Claims	Number Filed	Number Extra	Rate			
Total claims	17 - 20 =	0	X \$18.00	s		
Independent Claims	3 - 3 =	0	x \$80.00	s		
Multiple dependent cla		•	+ \$270.00	S		
TOTAL OF ABOVE CALCULATIONS =				s		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.			\$			
SUBTOTAL =				\$		
Processing fee of \$130.00 for furnishing the English translation later the _ 20 _ 30 months from the carliest claimed priority date (37 CFR 1.492(f)).				\$		
TOTAL NATIONAL FEE =				s		
		CFR 1.21(h)). The assign CFR 3.28, 3.31). \$40.00				
	· ·		. FEES ENCLOSED =	s		
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a. A check in the a	amount of S to cover	r the above fee is enclosed	ł.			
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		3-3050 in the amount of 9				
	ner if hereby authorized t a duplicate copy of this sh	to charge any additional fe neet is enclosed.	ees which may be required	d, or cro	edit any overpayme	nt to Deposit Account
NOTE: Where an ap be filed and granted	opropriate time limit un to restore the applicatio	der 37 CFR 1.494 or 1.4 n to pending status.	95 has not been met, a p 1 /	etition $2 \sim$	to revive (37 CFR	1.137(a) or (b)) must
SEND ALL CORRESPONDENCE TO: John W. Caldwell SIGNATURE			A.			
	Woodcock Washburn Kurtz John W. Caldw Mackiewicz & Norris LLP John W. Caldw					
One Liberty Place - 40	5th Floor		NAME			
Philadelphia. PA 191 (215) 568-3100	Philadelphia. PA 1910328,937					
REGISTRATION NUMBER						

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DOCKET NO.: THOM-0012

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : William Eccleston et. al.

U.S. Serial No.: 09/646,032

International Application Number: PCT/GB99/00765

International Filing Date: 15 March 1999

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

For: FIELD EMISSION CATHODE AND FIELD EMISSION DISPLAY

Assistant Commissioner for Patents Washington, D.C. 20231 Attn: BOX PCT

Dear Sir:

PRELIMINARY AMENDMENT

Applicant requests that the above-captioned application be amended, before examination

and without prejudice, as follows:

Enclosed are replacement sheets 4, 7. No new matter has been added.

Please make the following amendments:

In the Abstract:

Please add the following Abstract to the application: